Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Friday 02 Dec 2022 until 23:59 on Saturday 03 Dec 2022

Forecast Issued on Friday 02 Dec 2022 at 02:10

Confidence: High confidence for a change to colder conditions over the weekend with winds turning east or northeasterly. Limited precipitation expected apart from a few showers from Monday. Moderate confidence for details of cloud cover on Friday and Saturday.

Headline for Friday 02 Dec 2022: A dull, damp start, slightly brighter by afternoon, light winds.

Mountain weather hazards on Friday 02 Dec 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Clear night
Precipitation probability					
30%	20%	20%	20%	20%	20%

Forecast for Friday 02 Dec 2022

Weather: A damp night with low cloud, mist, fog patches and some drizzle at times. These conditions will persist well into Friday morning. The southern Fells will start to see some brighter conditions from late morning but although cloud will thin a little there will be limited chance of sunshine with southeastern areas having the best chance of some late afternoon brightness. Clear spells developing during the evening.

Chance of cloud-free hill tops above 800m: 20% improving to 60% later. Low cloud quite persistent through the morning.

Low cloud and visibility: Moderate or poor visibility expected in the morning with mist and drizzle at times, cloud layers will be broken above 400m, the cloud will lift and thin with the south seeing the best improvement from late morning, turning patchy above 600m and visibility becoming good, by late afternoon cloud will have mostly lifted except from the higher fells in the north.

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Mountain Weather Forecast

Forecast for Friday 02 Dec 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	9/11 SE	8/11 SE	10/17 SE	12/18 E	15/21 E	20/25 E	20/26 E
600	9/13 SE	9/14 SE	12/18 SE	14/20 E	11/16 E	13/19 E	14/20 E
300	1/4 SE	2/5 E	4/8 SE	3/8 E	4/14 E	4/16 E	4/16 E
Valley	0/5 S	1/6 SE	4/11 SE	4/12 E	5/8 NE	6/14 NE	7/14 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	4/-0	2/-1	2/-2	2/-2	1/-5	-0/-6	-0/-7
600	4/1	3/-0	3/-1	3/-2	2/-2	2/-3	1/-4
300	5/4	5/4	6/4	5/4	4/3	3/2	2/0
Valley	5/4	6/5	7/6	7/6	7/5	6/4	5/3
Freezing Level*	1600m	1600m	1200m	1200m	1100m	800m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Light winds, starting to feel quite cold later in the day as cooler air spreads across from the east.

Forecast for Saturday 03 Dec 2022

Weather: Clear spells overnight leading into a dry and bright day with sunnier intervals possible. Feeling cold in the keen easterly winds.

Maximum wind: Northeasterly 15-20mph.

Chance of cloud-free hill tops above 800m: 90%, perhaps some patches of lower cloud around eastern fells.

Low cloud and visibility: Visibility will generally be good with views across the Lake District, Some patches of cloud above 600m in the east but otherwise cloud well above the summits.

Temperature: **Valleys:** Minus 1 rising to 6 Celsius.
At 800m: Zero Celsius
Freezing level: 800m

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Mountain Weather Forecast

Ground Conditions Supplement

Fell Top Report Date: Thursday 1 December, Location: Helvellyn summit at 12:45; Full report:
Welcome Back! This is the start of the 35th year that the weatherline service has been running and on behalf of Zac, Jon, and myself (Wes), we look forward to bringing you daily ground condition reports throughout the winter months. The first day of the season was largely cloudy with the cloud base on Helvellyn lying just above Red Tarn for the majority of the day (approximately 750m) and only lifting slightly by mid-afternoon. Many of the Lakeland fells remained shrouded in cloud for most of the day and inversion conditions were also present in some valleys throughout the day. The Lakeland fells are currently snow-free with only very small and isolated areas of ice that froze some areas of standing water earlier in the week. Rocky ground is quite wet and slick, therefore routes such as Striding and Swirral edge require extra care. Although the summit temperatures were above freezing point today, it will only take a small drop in temperature overnight for ice to form. It is also worth noting that the summit windchill (feels-like) temperature today was around -1ºC. Full winter clothing (warm and waterproof) including hats and gloves and additional equipment including a headtorch, map and compass (or other reliable means to navigate in poor visibility) are all essential. Microspikes and/or walking poles would also be a sensible addition to your rucksack if you are planning to head up onto the higher fells.
Temperature: plus 3.6 Deg C, Maximum wind speed 11.4mph, Wind chill: minus 1.2 Deg C, Average wind speed: 8.7mph.

Issued at: 02:10 on Fri 02 Dec 2022

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